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By:

Deborah Brockmeyer

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Trost and Hachiya

EXAMINER: R. Desai

SERIAL NO.: 09/498,701

ART UNIT: 1625

FILED: February 7, 2000

FOR: CATALYTIC COMPOSITIONS AND METHODS
FOR ASYMMETRIC ALLYLIC ALKYLATION

(12)
12/8/00
CUG
02-04

AMENDMENT AFTER ALLOWANCE UNDER 37 C.F.R. §1.312(a)

Box Issue Fee
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the Notice of Allowance mailed June 18, 2001, amendment of the claims in the above-identified application is respectfully requested. Please amend the above-identified application prior to issue, as shown below.

Following is the complete set of claims as currently amended, with the corrected numbering used by the Examiner (claims originally numbered 55-62 now numbered 53-60).

The complete set is shown for the sake of clarity. Applicants note that the present minor amendments, which correct dependency, affect only claims 54, 56, and 58-60. Enclosed, starting on a separate page following this response, is a marked copy of claims 54, 56, and 58-60 showing all changes relative to the previous version.

17. (Three times amended) A catalytic organometallic composition, wherein the composition is the product of a process which comprises contacting, in a nonprotic, noncomplexing solvent,

(a) a chiral ligand L¹ comprising:

(i) a chiral component derived from a chiral diamine, diol, or amino alcohol, said component having first and second chiral centers, each substituted with a group X selected from -O- or -NR-,